

A.2.32 AOC 17

Description

AOC 17 consists of Tank Basin 20, which is located in the Main Yard immediately north of Maurer Road. This tank basin was identified as an AOC based on an EPA site visit in August 1994 and subsequent Chevron notification dated September 19, 1994. Tank 20 is 86 feet in diameter. A review of historical aerial photographs did not show any potential releases within the tank basin. Tank 20 was dismantled in July 2002.

Soils

Four soil borings were installed during the 1st-Phase Soils Investigation. Black staining was observed in three of the four borings, and evidence of petroleum impacts was noted in two of the four boring logs. One sample (SB0103SB) from the two to four-foot interval was analyzed for Skinner's List VOCs and SVOCs, and TPH. Two PAHs, benzo(a)pyrene (0.91 mg/kg) and benzo(a)anthracene (1.1 mg/kg) were detected at concentrations slightly exceeding applicable soil delineation criteria.

Groundwater

Two groundwater samples (HP0092 and H0128) collected during the 1st-Phase RFI contained no VOCs or SVOCs above the groundwater delineation criteria. Therefore, groundwater has not been impacted in the immediate vicinity of AOC 17.

Summary

Similar to site-wide observations, two SVOCs, including benzo(a)pyrene (0.91 mg/kg) and benzo(a)anthracene (1.1 mg/kg), are present in soils at concentrations slightly above their respective soil delineation criteria at AOC 17. The impacts are found within the subsurface fill layer, which also exhibits some evidence of petroleum-impacted soils. Therefore, institutional controls and/or engineered barriers for site-related impacted soils at AOC 17 will be considered in the CMS.